

UNITED STATES ARMY
SIGNAL
REGIMENT



US Army Signal School

Signal Corps Branch Orientation

Year Group 2021

**Office Chief of Signal
(OCOS)**

THE VOICE OF COMMAND



Agenda



- Mission
- The Signal Regiment
- Triad of a Leader (Commandant's Message)
- Signal Officer Characteristics
- Assignments and Duty Stations
- Broadening Opportunities (TWI / ACS)
- Signal BOLC
- Officer Development Model
- Questions and Answers



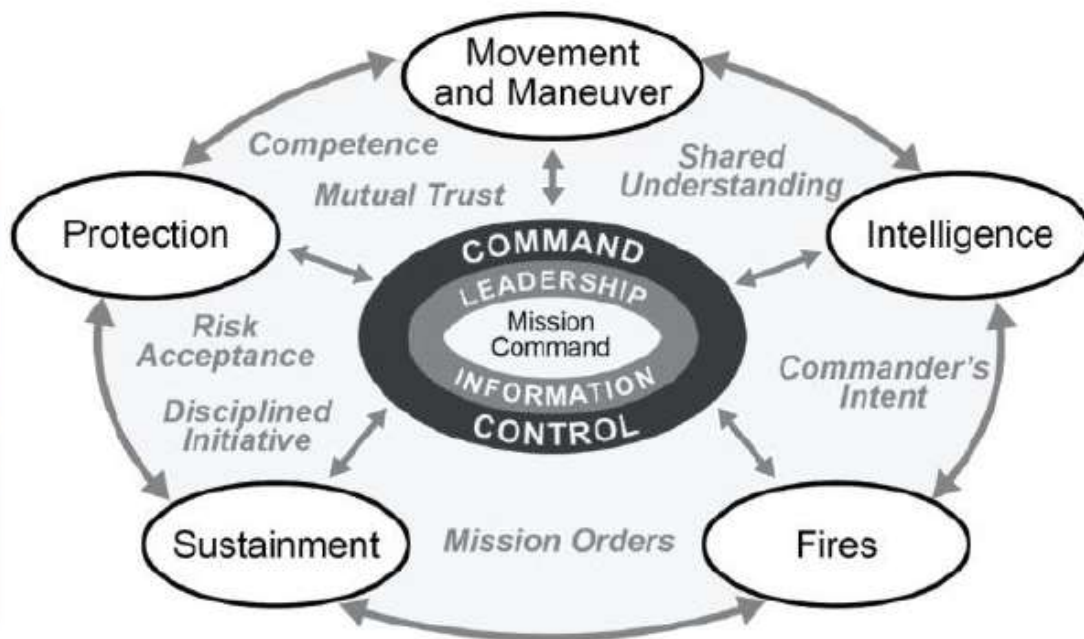
Mission of the Signal Corps



To provide seamless, secure, robust communications networks and information services support at all levels.

Our Job is to

Enable Command and Control





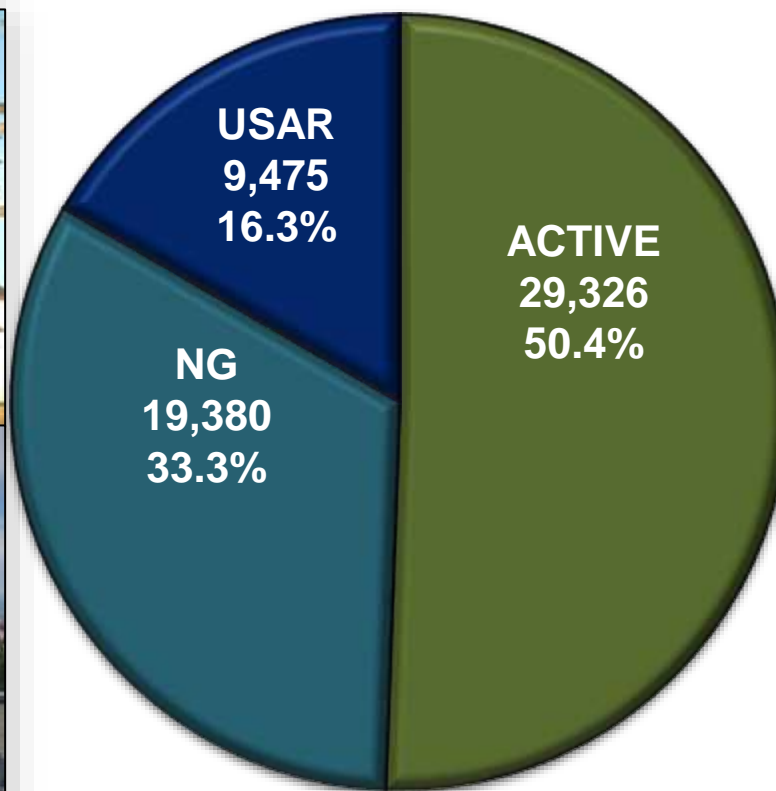
The Signal Regiment



Lieutenant Posture

Authorized: 391
On Hand: 751
OH %: 192%

Double the billets for CPTs as we do LTs



58,181 Total Authorizations





Leader, Teammate, Communicator



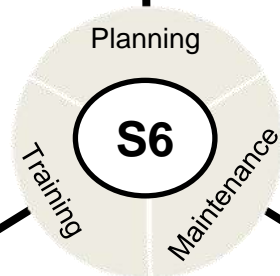
LEADER

- Comfortable with Uncertainty
- Creative & Innovative
- Resilient
- Culturally Fluent



TEAMMATE

- Doctrinally Sound
- Integrated
- Involved
- Disciplined Initiative



COMMUNICATOR

- DoDIN-A Operations
- Spectrum Management Operations
- Network Transport and Information Services
- COMSEC





Signal Officer Characteristics

Talent Demands 2021



INTELLIGENCES: Interpersonal, Logical-Mathematical, Spatial

SKILLS: Signal officers lead Soldiers and organizations that provide dynamic communication networks and information systems enabling mission command from the national command authority to the tactical edge. They are mentally tough and possess strong interpersonal skills which enable them to develop positive relationships and build effective teams. They are technologically adept problem solvers skilled at leveraging the latest technologies and practices and, are responsible for determining project requirements in a rapidly changing, complex environment. They clearly articulate the highly-technical components of the signal community into operational terms providing the warfighter with a common operating picture. They are lifelong learners able to pursue continuing education in leadership, management, information technology, and other domain-specific disciplines.

KNOWLEDGE: The Signal branch values officers with academic backgrounds from a wide variety of disciplines and majors. However, the domain-specific disciplines listed below provide officers with the expertise needed to manage information, leverage technology, and deliver effective communications.

➤ **RELEVANT EDUCATION:** Organizational Leadership/Management; Applied Sciences & Engineering; Computer Engineering; Computer Science; Computer Systems & Technology; Electrical Engineering; Engineering Management; Information Operations; Information Systems; Information System Security / Assurance; Mathematical Sciences; Systems Engineering (not all inclusive).

➤ **RELEVANT TRAINING / EXPERIENCE:** Cadet Troop Leading Time / Leader Development Time (CTLT / CLDT); Academic Enrichment Program with higher education / research agency in degree field of study (not all inclusive).

BEHAVIORS: (In addition to foundational)

- | | | | | |
|-------------|-----------------|------------------|--------------|-------------------|
| ➤ ADAPTABLE | ➤ CAREFUL | ➤ DETAIL FOCUSED | ➤ FLEXIBLE | ➤ PROBLEM SOLVING |
| ➤ AGILE | ➤ COLLABORATIVE | ➤ DILIGENT | ➤ INITIATIVE | ➤ PROACTIVE |
| ➤ ALERT | ➤ COMMITTED | ➤ DISCIPLINED | ➤ INNOVATIVE | ➤ RATIONAL |
| ➤ BALANCED | ➤ CONFIDENT | ➤ EXPERT | ➤ PRECISE | ➤ RESILIENT |

TALENT PRIORITIES:

1. **MENTALLY TOUGH:** Stress tolerant and emotionally mature. Performs well even under extreme psychological duress.
2. **COMMUNICATOR:** Precise, efficient, and compelling in both written and spoken word.
3. **INTERPERSONAL:** Skilled in developing appropriate relationships. Able to connect with others to effect positive results
4. **PROBLEM SOLVER:** Able to choose between best practices and unorthodox approaches to reach a solution. Accomplishes the task.
5. **PROJECT MANAGER:** Able to determine, requirements, develop work processes, delegate responsibilities, and lead teams to desired outcomes.
6. **TECHNOLOGICALLY ADEPT:** Understands and comfortably uses the latest technologies.



Assignments and Duty Stations



What assignments should I expect to have?

- Platoon Leader
- Company Executive Officer
- Battalion S6

Where do signal units exist?

- Signal exists within full spectrum of Army Operations
- Wherever the Army is, Signal provides communication services in support of Unified Land Operations

What are a few potential first duty stations?

- CONUS: FT. Bragg, NC; FT. Drum, NY; FT. Hood, TX; JBLM, WA; FT. Carson, CO; FT. Benning, GA; FT. Stewart, GA; FT. Campbell, KY
- OCONUS: Hawaii, Kuwait, Japan, South Korea, Germany, Italy, Alaska, Belgium





Signal Units are Everywhere



Tactical & Expeditionary

AC

ARNG

USAR

Strategic

AC





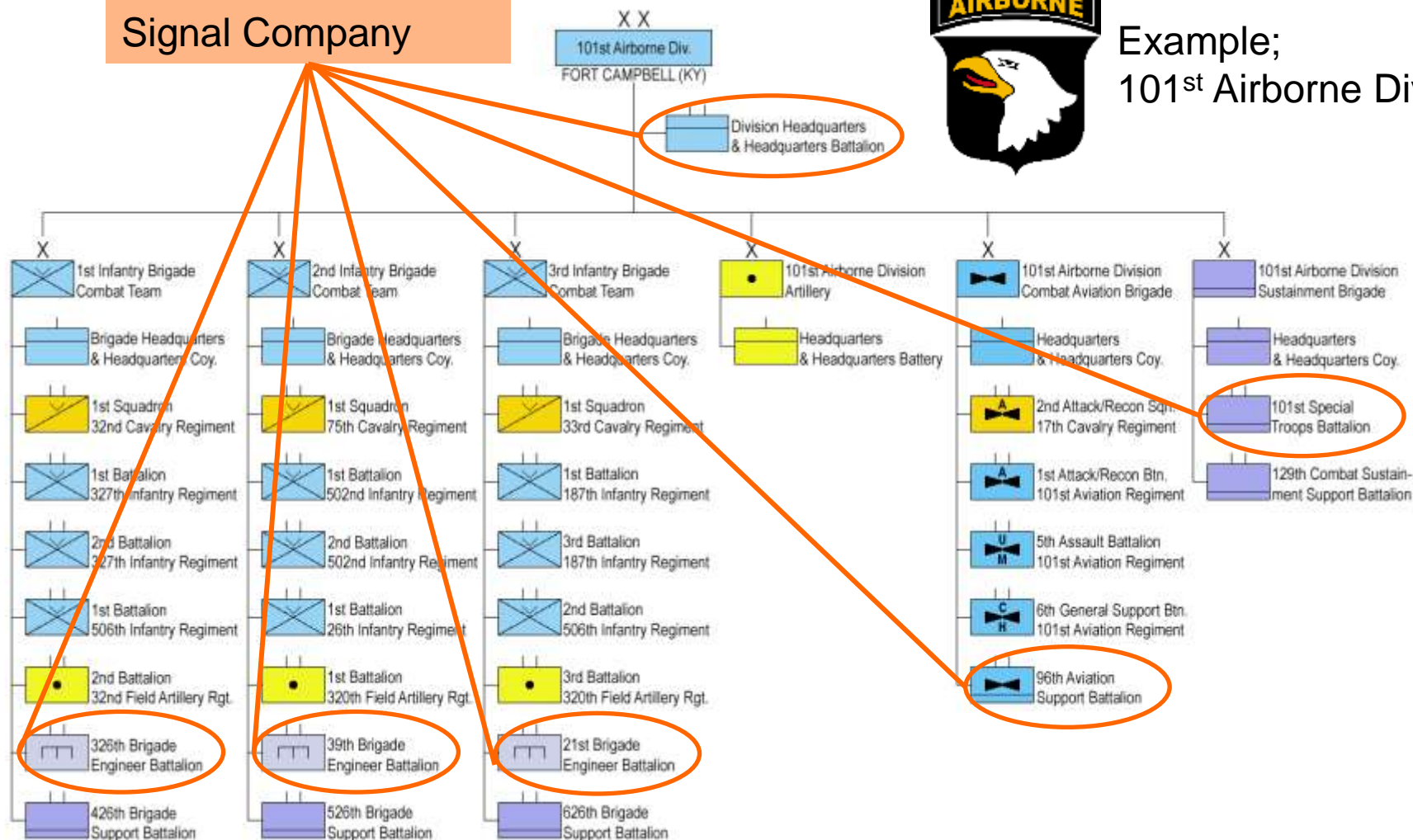
Assignments and Duty Stations



Serve in BCT or DIV
Signal Company



Example;
101st Airborne Div.





Variety of Equipment



Tactical Radios



Satellite Communications



Command and Control



Tactical Network



Strategic Network





Variety of Mission Sets





Broadening Opportunity Programs (BOP)



Training with Industry



Signal Regiment Fellowships



Advanced Civil Schooling





Training With Industry (TWI)

Current Corporate Participants 2020/2021



Research Triangle, NC



Rochester, NY



Reston, VA



Redmond, WA



Ashburn, VA



INTELSAT.

Envision. Connect. Transform.

Ellenwood, GA

- Provides **competitively** selected Signal Officers, Warrant Officers, and Noncommissioned Officers extensive exposure to **“Corporate America’s” best business practices, managerial techniques, and industrial procedures**, which are directly related to specific functions within the Signal Regiment
- Actively experience industry best business practices and Signal based technology through **one year assignments with leading industry partners** in order to benchmark lessons learned and affect positive change in the Army Signal Corps

“What it is”



- Participants *cannot* use any version of GI Bill, Veteran's Educational Assistance Program, or Tuition Assistance while in a fully funded ACS program**



Clearance Requirements



In accordance with DA PAM 600-3, all Signal Officers are expected to obtain and maintain a Top Secret (TS) clearance

b. *Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch. **Officers newly accessed into the Signal Corps as of 1 October 2019 must obtain and maintain a Top Secret (TS) clearance.** A favorable special background investigation (SBI) with eligibility for access to sensitive compartmented information (SCI) is required. Newly accessed Signal officers as of 1 October 2019 who are temporarily branch detailed outside of the Signal Corps are required to obtain a TS-SCI clearance. **Branch detailed officers should begin the investigation process prior to their attendance in the Signal Captains Career Course.**



Where Does Signal Fit?

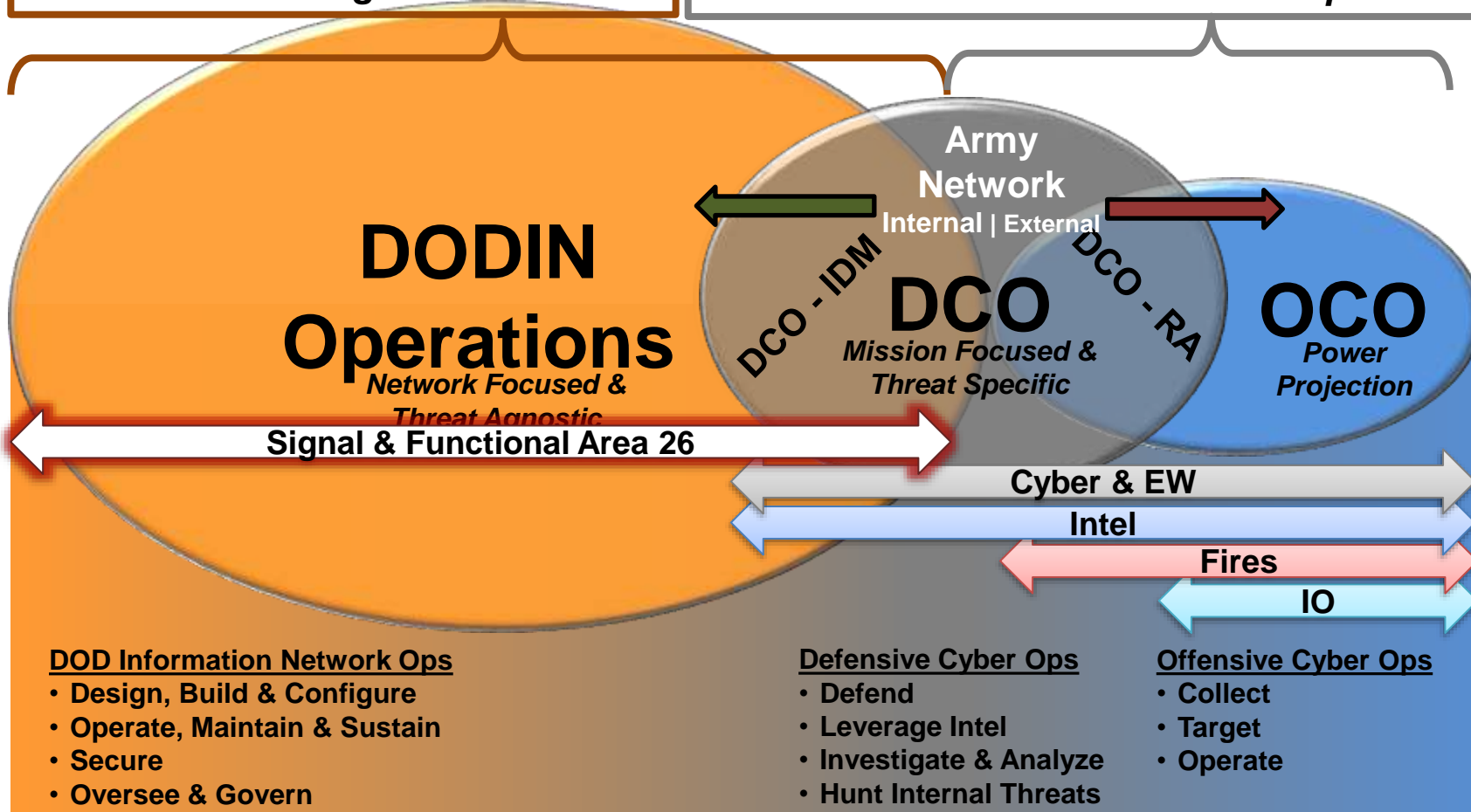
DOD Cyberspace Workforce



Cyberspace Operations (FM 3-12)

DoDIN Ops – **Network** Focused/
Threat Agnostic

DCO – **Mission** Focused/**Threat** Specific
OCO – **Effects** Focused/**Mission** Specific





What does Signal BOLC Look Like

16 Weeks TDY Tour, 6 Modules



Mission

Graduate confident and aggressive Signal Lieutenants with the technical and tactical knowledge and skills to lead platoon-sized elements who are prepared to make an immediate contribution on their first unit of assignment.

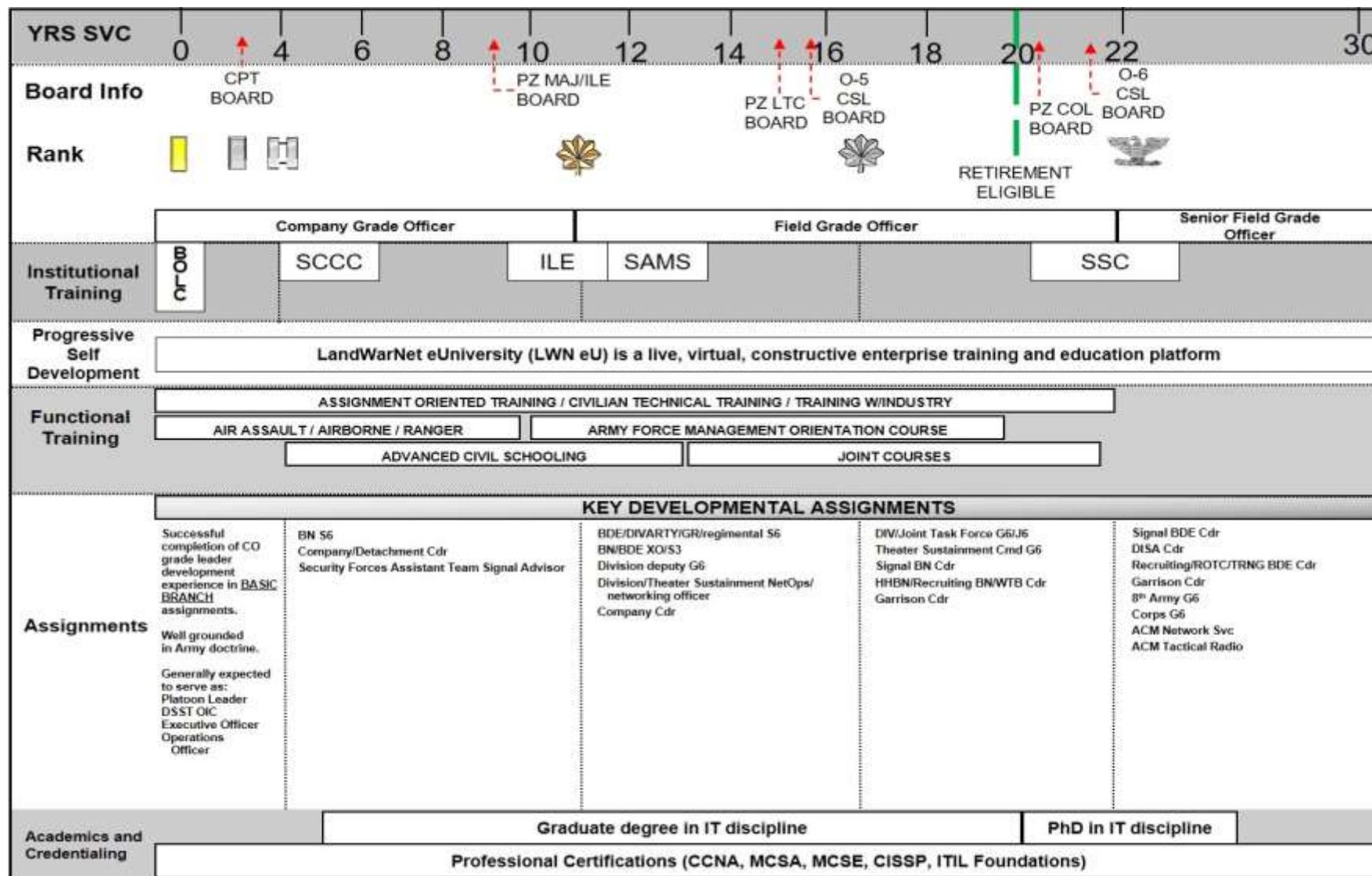
Specifics

1. 16 weeks, 690 academic hours
2. 8 course starts annually
3. 78 LTs max class size, 38 minimum
4. 9 modules, all revamped
5. FTX is BCT Centric

Module A	Module B	Module C	Module D	Module E	Module F	Module G	Module H	Mod. I	
Common Core 185.8 Hours	MDMP 40 Hours	WIN-T 75.5 Hours	CNR 120 Hours	NET/SEC+ 66 Hours	MCIS 24 Hours	Cloud 24 Hours	PREPEX 32 Hours	CAP. 120 Hours	
Weeks 1-5	Weeks 5/6	Weeks 7-8	Weeks 9-11	Wks 12-13	Wks 13-14	Week 14	Week 15	Week 16	
1. Admin Actions 2. Sig. History 3. CAPL 4. EO 5. SHARP 6. Ethics 7. TLPs 8. Elect. Warfare 9. Property Acc. 10. Maintenance 11. Degraded OE 12. OE 13. Convoy Ops 14. Deploy Ops 15. MRT 16. Man. PLT Trn 17. BRM Intro 18. Rng Ops 19. Zero 20. Confirm Zero 21. M4 EST 22. Pra. Qual 23. Qual	24. M68 Intro 25. M68 Zero 26. M68 Qual 27. Land Nav. 28. Grenades 29. CRM 30. Combat. 31. Graphics 32. Cn. Sub 33. Dev. Sub. .	1. Intro 2. MA Prod. 3. MA Brief 4. COA DEV Intr. 5. COA Prod. 6. COA DEV Brf 7. War Gaming 8. COA App 9. COA App. Brf 10. Orders Rev. 11. ORDER Pro. 12. ORDER Brief	1. Signal Corps 2. Satellites 3. Celestial Sy. 4. Telesial Sy. 5. Data Flow 6. Tact. Hub 7. Shelter Swit. 8. Joint Net. 9. CPN 10. Hot Day 1 11. PE 1 12. TCN 13. NOSC 14. POP/SNE 15. Hot Day 2 16. PE 2 17. Futures	1. Role of S6 2. Annex H 3. ASIPS Radio 4. Hand On 5. SPEED 6. Hands On 7. PE 1 8. COMSEC 9. Wave Propag. 10. VOACAP 11. AN/PRC-150 12. Hands On 13. PE 2 14. AN/PRC-117 15. Hands On 16. ANW2 17. AN/PRC-152 18. PE 3 19. Antennas 20. PE 4 21. Cap. Review 22. Hands On 23. PE 5	1. Global Net. 2. Concept of IP 3. ID Net. Sec. 4. Net. Extension 5. Net. Review 6. SEC+ Intro 7. Cryptography 8. Threats 9. ID Manag. 10. Net. Security 11. Host Security 12. Op. Security	1. TOCNET 2. CPP 3. CPOF 4. JCR	1. Cloud Found. 2. Cloud Found. 3. Cloud Found.	1. CMD Post Ops 2. Signal Site S. 3. TCCC Review 4. Convoy Ops 5. FM Trans. 6. PWR Distro 7. DRASH Setup 8. Tact. Ops 9. JCR/ASIP 10. First Aid 11. SUT 12. Indirect Fire 13. PL Order	1. COMMEX 2. FTX 3. Recovery
12.5% 1. BRM 2. Land Nav. 3. EXSUM Memo 4. Common Core Exam	7.5% 1. Briefing Assess. 2. MDMP Exam	15% 1. Briefing Assess. 2. WIN-T Quizzes 3. WIN-T Exam	15% 1. Briefing Assess. 2. CNR Exam -written & hands on	20% 1. SEC+ Exam 2. NET+ Exam	10% 1. Final APFT/ACFT 2. Doctrine Quizzes		5% Briefing Assess.	15% TAC PTs	



Officer Development Model



Models maintained in 600-3 for each officer Branch and warrant officer MOS



Functional Area 26

Information Network Engineering



- Functional Area. An FA is a group of officers, other than an arm, service, or branch, who possess tasks and skills that *require significant education, training, and experience*.
- FA officers should expect training and education opportunities to focus on their areas of specialization and include *progressive and repetitive assignments* of increasing responsibility.

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- Do you have a background in *Computer Science, Electrical Engineering, Information Systems Management, Cybersecurity*, related IT field or just a passion and aptitude for technology?
 - Consider looking into FA26, the Signal Regiment's information and network systems engineers.
 - FA26 is open to officers from all branches upon reaching the rank of 1LT(P).
-

AOC 26A

Network Systems Engineer

- Network systems engineers (responsible for *network transport*)
- Specialize in leading small teams of technical experts

AOC 26B

Information Systems Engineer

- Information systems engineers (responsible for *network services*)
- Specialize in leading small teams of technical experts



Other Army Fellowship Opportunities



- CGSC Interagency Broadening Fellowship
- USASMA Fellowship
- Rand Arroyo Center Fellowship
- White House Fellowship
- Asia-Pacific Center For Security Studies Fellowship
- AUSA Fellowship
- George C. Marshall European Center for Security Studies Fellowship
- MG (R) James M. Wright, MBA Program
- Purdue University Military Research Initiative Scholarship
- Gen Wayne A. Downing Scholarship
- George & Carol Olmsted Scholars Program
- JCS/OSD/ARSTAF Internship
- Army Congressional Fellowship
- Harvard Strategist Program

Source: Officer Personnel Management Directorate(OPMD)

<https://www.hrc.army.mil/content/Broadening%20Opportunities%20Program%20Catalog>



Useful Signal Links and Resources

Questions / Backup Slides



Cadet Branching Website

https://oema.army.mil/branching_public/branches.htm#signal

Office Chief of Signal Branch Resources

<https://cybercoe.army.mil/SIGNALSCH/OCOS/branch25.html>

Signal School Web Page

<https://cybercoe.army.mil/SIGNALSCH/>

Signal Regiment Facebook

<https://www.facebook.com/UsArmySignalRegiment/>

A Message From Our Signal School Commandant, COL Batson

<https://www.facebook.com/UsArmySignalRegiment/videos/674887810027891/>

Signal Branch Promotional Video – Do You Have What it Takes

<https://www.facebook.com/UsArmySignalRegiment/videos/287631342639451/>

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